

### AMENDMENTS TO THE CLAIMS

1. (Amended) A program storage device accessible by a computer, tangibly embodying a program of instructions executable by said computer to perform the method steps of claim 16 for data capture and management, said methods steps comprising:

(a) ~~providing a plurality of tabular forms, wherein each of said tabular forms contains~~  
5 ~~data in a plurality of cells;~~

(b) ~~providing a first means of activating a cell of interest of said plurality of cells in a~~  
~~tabular form of interest of said plurality of tabular forms to display a data sheet~~  
~~with corresponding data from a corresponding tabular form of said plurality of~~  
~~tabular forms; and~~

10 (c) ~~providing a second means of activating said cell of interest of said plurality of~~  
~~cells in said tabular form of interest of said plurality of tabular forms to display~~  
~~said corresponding tabular form.~~

2. (Amended) ~~The device as set forth in claim 1, wherein said method steps further~~  
15 ~~comprise the step of providing in said cell a plurality of descriptors~~ A system for capturing  
and managing data, said system comprising:

a plurality of tabular forms; wherein

each of said tabular forms contains a plurality of cells; wherein

at least one of said plurality of cells is selected to correspond to one or more

20 corresponding tabular forms, corresponding data sheets, or a combination of both; wherein

each of said corresponding tabular forms contains at least one cell that is associated with yet another level of corresponding tabular forms, corresponding data sheets, or a combination of both, thereby encompassing a cascading mechanism that enables a user to enter and manage data at different levels;

5        a user interface having one or more display areas, one of which displaying said cascading mechanism;

a means for determining status of entered data;

a plurality of descriptors for indicating said status; and

10        at least two different selecting means selected from the group consisting of a roll-over, a single click, and a double-click for enabling said user to activate a cell of interest; wherein, upon activation, a corresponding tabular form or a corresponding data sheet is displayed proximate to said cell of interest.

15        3.        (Amended) The ~~device~~ system as set forth in claim 2, wherein said plurality of descriptors comprises a plurality of signs.

4.        (Amended) The ~~device~~ system as set forth in claim 2, wherein said plurality of descriptors comprises a plurality of colors.

20        5.        (Amended) The ~~device~~ system as set forth in claim 2, wherein said plurality of descriptors comprises a plurality of tags.

6. (Amended) The ~~device~~ system as set forth in claim 2, wherein said plurality of descriptors comprises a plurality of statistical parameters.

7. (Amended) The ~~device~~ system as set forth in claim ~~1-2~~, ~~wherein said method steps~~  
5 further ~~comprise the step of providing~~ comprising a manager with a plurality of tools to manage at least one data capture and management operation.

8. (Amended) The ~~device~~ system of claim 7, wherein one of said ~~method steps~~ further  
10 ~~comprise the step of providing means to display~~ areas displays information of said at least one data capture and management operation.

9. (Amended) The ~~device as set forth in~~ system of claim ~~1-2~~, ~~wherein said method steps~~  
further ~~comprise the step of providing~~ comprising a means to manipulate said data in  
15 ~~said plurality of cells~~ a cell.

10. (Amended) The ~~device as set forth in~~ system of claim 9, wherein said ~~step of~~  
~~providing means to manipulate said data~~ ~~comprises means to~~ manipulation includes  
copy, cut, paste, edit, undo, drag, ~~or and~~ delete.

20 11. (Amended) The ~~device as set forth in~~ system of claim ~~1-2~~, ~~wherein said method steps~~  
further ~~comprise the step of providing~~ comprising a means to manipulate said  
~~corresponding data in said~~ a corresponding tabular form or a corresponding data  
sheet.

12. (Amended) The ~~device as set forth in~~ system of claim 11, wherein said ~~step of~~  
~~providing means to manipulate said data~~ manipulation comprises means to includes  
copy, cut, paste, edit, undo, drag, ~~or and~~ delete.

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13. (Amended) The ~~device as set forth in~~ system of claim 11, wherein said ~~step of~~  
~~providing means to manipulate said data~~ comprises means to use are selected from  
the group consisting of radio buttons, sliders, data menus, ~~or and~~ click boxes.

10 14. (Amended) The ~~device as set forth in~~ system of claim ~~1-2~~, wherein said ~~method steps~~  
further ~~comprise the step of providing~~ comprising one or more additional means of  
activating said cell of interest.

15 15. (Amended) The ~~device as set forth in~~ claim 1, wherein A computer system  
programmed to perform said method steps further ~~comprise means to calculate said~~  
data of claim 16.

16. (Amended) A method of using capturing and managing data in a database ~~for clinical~~  
~~trial data capture and management system~~, said method comprising the steps of:

20 (a) providing a plurality of tabular forms, wherein each of said tabular forms  
contains data in a plurality of cells;

(b) associating at least one of said plurality of cells with one or more corresponding tabular forms, corresponding data sheets, or a combination of both;

(c) for each of said corresponding tabular forms, repeating steps (a) and (b) to form a cascading mechanism that enables a user to enter and manage data at different levels;

(d) determining status of entered data by carrying out at least one mathematical operations on said entered data;

(e) indicating said status via a plurality of descriptors;

(f) providing a first means of activating enabling a user to activate a cell of interest via at least two different selecting means of said plurality of cells in a tabular form of interest of said plurality of tabular forms to display a data sheet with corresponding data from a corresponding tabular form of said plurality of tabular forms; and

(g) providing a second means of activating said cell of said plurality of cells in said tabular form of said plurality of tabular forms to display said displaying a corresponding tabular form or a corresponding data sheet proximate to said cell of interest upon user selection thereof.

17. (Amended) The method as set forth in claim 16, further comprising the step of providing in said characterizing a cell with a plurality of descriptors.

18. (Original) The method as set forth in claim 17, wherein said plurality of descriptors comprises a plurality of signs.
19. (Original) The method as set forth in claim 17, wherein said plurality of descriptors  
5 comprises a plurality of colors.
20. (Original) The method as set forth in claim 17, wherein said plurality of descriptors comprises a plurality of tags.
- 10 21. (Original) The method as set forth in claim 17, wherein said plurality of descriptors comprises a plurality of statistical parameters.
22. (Original) The methods as set forth in claim 16, further comprising the step of providing a manager with a plurality of tools to manage at least one data capture and  
15 management operation.
23. (Original) The method of claim 22, further comprising the step of providing means to display information of said at least one data capture and management operation.
- 20 24. (Amended) The method as set forth in claim 16, further comprising the step of ~~providing means~~ enabling said user to manipulate said data in said plurality of cells.

25. (Amended) The method as set forth in claim 24, wherein said ~~step of providing means to manipulate said data comprises means to~~ manipulation includes copy, cut, paste, edit, undo, drag, ~~or~~ and delete.

5 26. (Amended) The method as set forth in claim 16, further comprising the step of ~~providing means~~ enabling said user to manipulate said ~~corresponding~~ data in said corresponding tabular form or said corresponding data sheet.

10 27. (Amended) The method as set forth in claim 26, wherein said ~~step of providing means to manipulate said data comprises means to~~ manipulation includes copy, cut, paste, edit, undo, drag, ~~or~~ and delete.

15 28. (Amended) The ~~device-method~~ as set forth in claim 26, wherein said ~~step of providing~~ at least two different selecting means to ~~manipulate said data comprises means to use radio buttons, sliders, data menus, or click boxes~~ are selected from the group consisting of a roll-over, a single click, and a double-click.

20 29. (Amended) The ~~device-method~~ as set forth in claim 16, ~~further comprising the step of providing means to calculate wherein~~ said data database system is a clinical trial database system.

30. (Amended) The ~~device-method~~ as set forth in claim 16, further comprising the step of providing one or more additional means of activating said cell of interest.